WHAT IS CLAIMED IS:

1 1.   A method of converting management models to one or more
2   console interfaces, said method comprising:
3   receiving a console selection corresponding to one of the
4   console interfaces;
5   identifying one or more console algorithms corresponding
6   to the console selection;
7   retrieving a generic management object from a management
8   definition object; and
9   creating an extension file adapted to perform the generic
10   management object on the selected console interface.

1 2.   The method as described in claim 1 wherein the management
2   definition object includes a common information model
3   managed object format file.

1 3.   The method as described in claim 1 wherein the extension
2   file includes a plug-in file adapted to interface with
3   the selected console interface.

1 4.   The method as described in claim 1 wherein the retrieving
2   further includes:
3   identifying one or more object classes and one or more
4   object associations that include the object classes;
5   selecting one of the object classes;
6   selecting one of the associations that include the object
7   class, wherein the association includes a simple
8   association;
9   identifying one or more target classes corresponding to
10   the selected association;

11   locating one or more second associations corresponding to

12   the identified target class; and

13   determining a layout format based on the number of

14   located second associations.

1   5.   The method as described in claim 4 further comprising:

2   displaying the target class name in response to

3   determining that there is one second association;

4   and

5   displaying the association role in response to

6   determining that there are more than one second

7   associations.

1   6.   The method as described in claim 1 further comprising:

2   retrieving user interface data from the management

3   definition object; and

4   generating one or more graphical user interfaces using

5   the retrieved user interface data.

1   7.   The method as described in claim 1 further comprising:

2   retrieving user interface data from the management

3   definition object;

4   converting the user interface data to one or more

5   national languages;

6   storing the converted user interface data in one or more

7   national language files;

8   selecting one of the national languages;

9   retrieving one of the national language files

10   corresponding to the selected national language; and

11   generating one or more graphical user interfaces using

12   the converted user interface data retrieved from the

13   national language file.

1   8.   The method as described in claim 1 further comprising:

2   creating a tree node displayable on a management console

3   corresponding to the selected console interface;

4   creating a popup menu corresponding to the tree node,

5   wherein the popup menu includes one or more menu

6   selections; and

7   associating a method to each of the menu selections.

1   9.   The method as described in claim 1 wherein the generic

2   management object includes a display panel that displays

3   information regarding a program product, wherein the

4   management definition object is adapted to manage the

5   program product.

1   10.   An information handling system comprising:

2   one or more processors;

3   a memory accessible by the processors;

4   a nonvolatile storage area accessible by the processors;

5   and

6   a conversion tool for converting generic management data

7   to specific console interfaces, the conversion tool

8   including:

9   receiving logic for receiving a console selection

10   corresponding to one of the console interfaces;

11   identification logic for identifying one or more console

12   algorithms corresponding to the console selection;

13   retrieval logic for receiving a generic management object

14   from a management definition object; and

15   creation logic for creating an extension file adapted to

16   perform the generic management object on the

17   selected console interface.

1   11.   The information handling system as described in claim 10

2   wherein the management definition object includes a

3   common information model managed object format file.

1   12.   The information handling system as described in claim 10

2   wherein the extension file includes a plug-in file

3   adapted to interface with the selected console interface.

1   13.   The information handling system as described in claim 10

2   wherein the retrieval logic further includes:

3   identification logic for identifying one or more object

4   classes and one or more object associations that

5   include the object classes;

6   selection logic for selecting one of the object classes

7   and for selecting one of the associations that

8   include the object class, wherein the association

9   includes a simple association;

10   identification logic for identifying one or more target

11   classes corresponding to the selected association;

12   location logic for locating one or more second

13   associations corresponding to the identified target

14   class; and

15   determination logic for determining a layout format based

16   on the number of located second associations.

1   14.   The information handling system as described in claim 13
2   further comprising:
3   display logic for displaying the target class name in
4   response to determining that there is one second
5   association and for displaying the association role
6   in response to determining that there are more than
7   one second associations.

1   15.   The information handling system as described in claim 10
2   further comprising:
3   retrieval logic for retrieving user interface data from
4   the management definition object; and
5   code generation logic for generating one or more
6   graphical user interfaces using the retrieved user
7   interface data.

1   16.   The information handling system as described in claim 10
2   further comprising:
3   retrieval logic for retrieving user interface data from
4   the management definition object;
5   conversion logic for converting the user interface data
6   to one or more national languages;
7   storage logic for storing the converted user interface
8   data in one or more national language files;
9   selection logic for selecting one of the national
10   languages;
11   retrieval logic for retrieving one of the national
12   language files corresponding to the selected
13   national language; and

14   code generation logic for generating one or more

15   graphical user interfaces using the converted user

16   interface data retrieved from the national language

17   file.

1   17.   The information handling system as described in claim 10

2   further comprising:

3   display logic for displaying a tree node on a management

4   console corresponding to the selected console

5   interface; and

6   display logic for displaying a popup menu corresponding

7   to the tree node, wherein the popup menu includes

8   one or more menu selections, and wherein each menu

9   selection includes an associated method.

1   18.   The information handling system as described in claim 10

2   wherein the generic management object includes a display

3   panel that displays information regarding a program

4   product, wherein the management definition object is

5   adapted to manage the program product.

1   19.   A computer program product stored on a computer operable

2   medium for converting management models to one or more

3   console interfaces, said computer program product

4   comprising:

5   means for receiving a console selection corresponding to

6   one of the console interfaces;

7   means for identifying one or more console algorithms

8   corresponding to the console selection;

9   means for retrieving a generic management object from a

10   management definition object; and

11   means for creating an extension file adapted to perform

12   the generic management object on the selected

13   console interface.

1   20. The computer program product as described in claim 19

2   wherein the management definition object includes a

3   common information model managed object format file.

1   21. The computer program product as described in claim 19

2   wherein the extension file includes a plug-in file

3   adapted to interface with the selected console interface.

1   22. The computer program product as described in claim 19

2   wherein the retrieving further includes:

3   means for identifying one or more object classes and one

4   or more object associations that include the object

5   classes;

6   means for selecting one of the object classes;

7   means for selecting one of the associations that include

8   the object class, wherein the association includes a

9   simple association;

10   means for identifying one or more target classes

11   corresponding to the selected association;

12   means for locating one or more second associations

13   corresponding to the identified target class; and

14   means for determining a layout format based on the number

15   of located second associations.

1 23. The computer program product as described in claim 22

2   further comprising:

3   means for displaying the target class name in response to

4   determining that there is one second association;

5   and

6   means for displaying the association role in response to

7   determining that there are more than one second

8   associations.

1 24. The computer program product as described in claim 19

2   further comprising:

3   means for retrieving user interface data from the

4   management definition object; and

5   means for generating one or more graphical user

6   interfaces using the retrieved user interface data.

1 25. The computer program product as described in claim 19

2   further comprising:

3   means for retrieving user interface data from the

4   management definition object;

5   means for converting the user interface data to one or

6   more national languages;

7   means for storing the converted user interface data in

8   one or more national language files;

9   means for selecting one of the national languages;

10   means for retrieving one of the national language files

11   corresponding to the selected national language; and

12   means for generating one or more graphical user

13   interfaces using the converted user interface data

14   retrieved from the national language file.

1   26.   The computer program product as described in claim 19

2   further comprising:

3   means for creating a tree node displayable on a

4   management console corresponding to the selected

5   console interface;

6   means for creating a popup menu corresponding to the tree

7   node, wherein the popup menu includes one or more

8   menu selections; and

9   means for associating a method to each of the menu

10   selections.

1   27.   The computer program product as described in claim 19

2   wherein the generic management object includes a display

3   panel that displays information regarding a program

4   product, wherein the management definition object is

5   adapted to manage the program product.

1   28.   A method of converting management models to one or more

2   console interfaces, said method comprising:

3   receiving a console selection corresponding to one of the

4   console interfaces;

5   identifying one or more console algorithms corresponding

6   to the console selection;

7   retrieving a generic management object from a management

8   definition object;

9   creating an extension file adapted to perform the generic

10   management object on the selected console interface;

11   identifying one or more object classes and one or more

12   object associations that include the object classes;

13   selecting one of the object classes;

14   selecting one of the associations that include the object

15   class, wherein the association includes a simple

16   association;

17   identifying one or more target classes corresponding to

18   the selected association;

19   locating one or more second associations corresponding to

20   the identified target class; and

21   determining a layout format based on the number of

22   located second associations.

1   29. A method of converting management models to one or more

2   console interfaces, said method comprising:

3   receiving a console selection corresponding to one of the

4   console interfaces;

5   identifying one or more console algorithms corresponding

6   to the console selection;

7   retrieving a generic management object from a management

8   definition object;

9   creating an extension file adapted to perform the generic

10   management object on the selected console interface;

11   retrieving user interface data from the management

12   definition object;

13   converting the user interface data to one or more

14   national languages;

15   storing the converted user interface data in one or more
16   national language files;
17   selecting one of the national languages;
18   retrieving one of the national language files
19   corresponding to the selected national language; and
20   generating one or more graphical user interfaces using
21   the converted user interface data retrieved from the
22   national language file.

1   30. An information handling system comprising:
2   one or more processors;
3   a memory accessible by the processors;
4   a nonvolatile storage area accessible by the processors;
5   and
6   a conversion tool for converting generic management data
7   to specific console interfaces, the conversion tool
8   including:
9   receiving logic for receiving a console selection
10   corresponding to one of the console interfaces;
11   identification logic for identifying one or more console
12   algorithms corresponding to the console selection;
13   retrieval logic for receiving a generic management object
14   from a management definition object; and
15   creation logic for creating an extension file adapted to
16   perform the generic management object on the
17   selected console interface;
18   identification logic for identifying one or more object
19   classes and one or more object associations that
20   include the object classes;

21   selection logic for selecting one of the object classes
22   and for selecting one of the associations that
23   include the object class, wherein the association
24   includes a simple association;
25   identification logic for identifying one or more target
26   classes corresponding to the selected association;
27   location logic for locating one or more second
28   associations corresponding to the identified target
29   class;
30   determination logic for determining a layout format based
31   on the number of located second associations; and
32   display logic for displaying the target class name in
33   response to determining that there is one second
34   association and for displaying the association role
35   in response to determining that there are more than
36   one second associations.

1   31. A computer program product stored on a computer operable
2   medium for converting management models to one or more
3   console interfaces, said computer program product
4   comprising:
5   means for receiving a console selection corresponding to
6   one of the console interfaces;
7   means for identifying one or more console algorithms
8   corresponding to the console selection;
9   means for retrieving a generic management object from a
10   management definition object;

11   means for creating an extension file adapted to perform

12   the generic management object on the selected

13   console interface;

14   means for identifying one or more object classes and one

15   or more object associations that include the object

16   classes;

17   means for selecting one of the object classes;

18   means for selecting one of the associations that include

19   the object class, wherein the association includes a

20   simple association;

21   means for identifying one or more target classes

22   corresponding to the selected association;

23   means for locating one or more second associations

24   corresponding to the identified target class;

25   means for determining a layout format based on the number

26   of located second associations;

27   means for displaying the target class name in response to

28   determining that there is one second association;

29   and

30   means for displaying the association role in response to

31   determining that there are more than one second

32   associations.

1   32.   A computer program product stored on a computer operable

2   medium for converting management models to one or more

3   console interfaces, said computer program product

4   comprising:

5   means for receiving a console selection corresponding to

6   one of the console interfaces;

7   means for identifying one or more console algorithms

8   corresponding to the console selection;

9   means for retrieving a generic management object from a

10   management definition object;

11   means for creating an extension file adapted to perform

12   the generic management object on the selected

13   console interface;

14   means for creating a tree node displayable on a

15   management console corresponding to the selected

16   console interface;

17   means for creating a popup menu corresponding to the tree

18   node, wherein the popup menu includes one or more

19   menu selections; and

20   means for associating a method to each of the menu

21   selections.